

**Missouri Department of Health and Senior Services**

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TO: Missouri Local Public Health Agencies, Missouri Influenza Sentinel Physicians

FROM: Howard Pue, D.V.M., M.S., Chief
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SUBJECT: Missouri Influenza Report for **2002 Inter-season Surveillance Project**
(All data in this report are provisional and may change as reports are updated.)

Missouri Influenza Inter-season Project began May 19, 2002 and runs through September 30, 2002

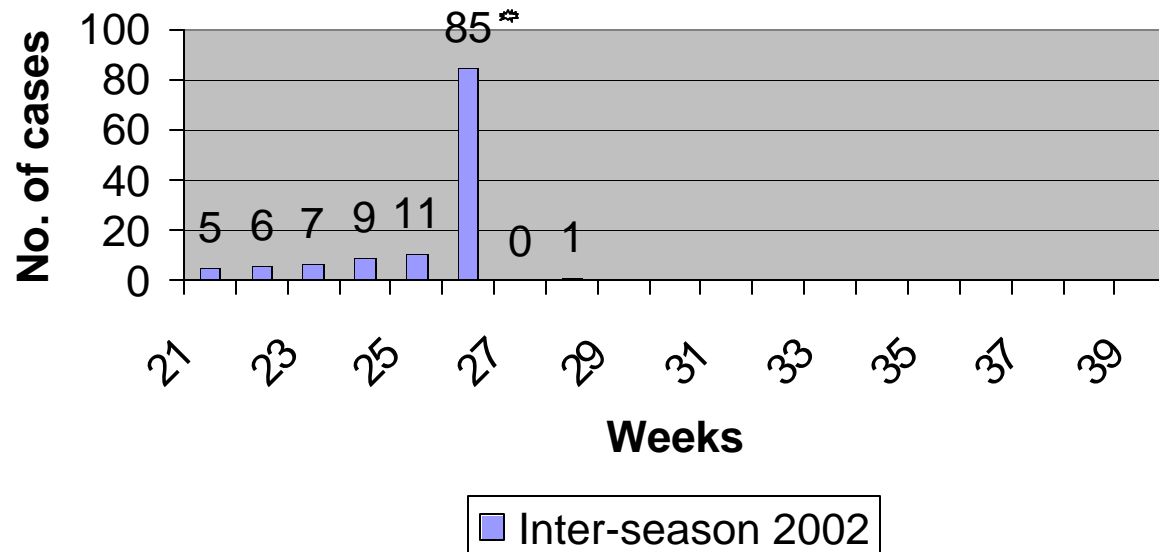
Week: 27	For the Week Ending: July 06, 2002					
Reported Laboratory Confirmed Cases This season's subtypes:	A (non-typed)	A (H3N2)	A (H1N1)	B	A or B untyped (rapid test)	Total
Week:						0
Inter-season Totals						123
Season-to-Date Totals*	1698	57	0	195	2284	4234

Week: 28	For the Week Ending: July 13, 2002					
Reported Laboratory Confirmed Cases This season's subtypes:	A (non-typed)	A (H3N2)	A (H1N1)	B	A or B untyped (rapid test)	Total
Week:					1	1
Inter-season Totals						124
Season-to-Date Totals*	1698	57	0	195	2285	4235

* Season-to-date totals include the regular influenza season beginning with week 40 (week ending October 6, 2001) and ends with week 39 (week ending September 28, 2002).

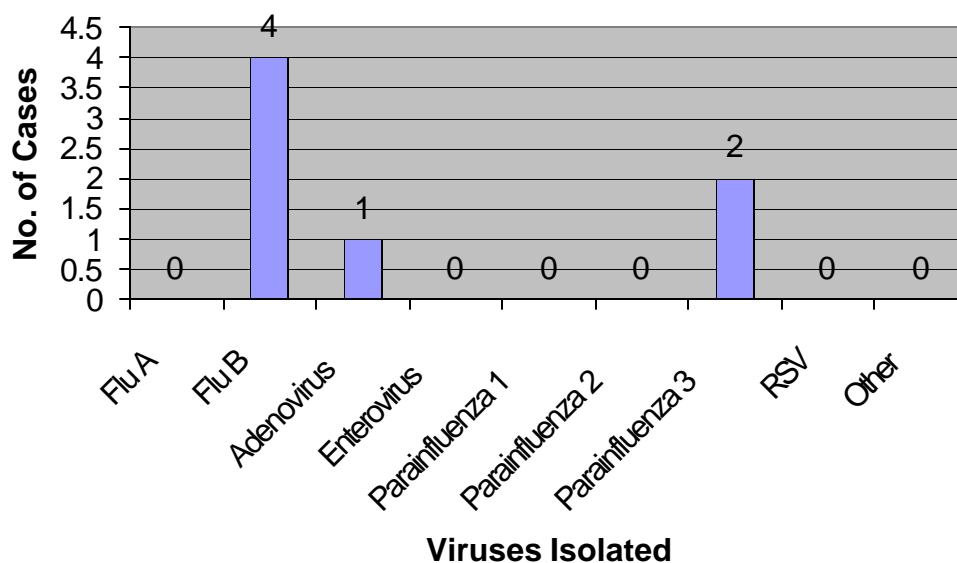
One influenza-like illness outbreak has been reported for **the 2002 Influenza Inter-season**. During week 23 (week ending June 8, 2002), a long term care facility reported an outbreak among the resident population to the Eastern Health District. The total number of influenza-like illness outbreaks reported to the Missouri Department of Health and Senior Services (DHSS) since October 2001 has reached 20.

Missouri Laboratory Confirmed Influenza Inter-season 2002, By Week of Report



*Eighty-one positive rapid influenza tests, (accumulated by a provider over several months) were reported to DHSS as a set during week 27. The spike does not represent an outbreak.

Missouri US ISPSN Viral Respiratory Specimen SPHL Results - May through June, 2002



Missouri Inter-season 2002 U.S. Influenza Sentinel Physicians Network Influenza-like Illness Reported July1, 2002 through July13, 2002							
US ISPSN	Age 0-4	Age 5-24	Age 25-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
Influenza- like Illness (ILI)	0	4	7	0	11	1109	.9%*

*The overall proportion of patient visits to sentinel physicians for influenza-like illness (ILI) was 0.9%, which is below the national baseline of 1.9%.

Since October 2001, CDC characterized several positive Missouri influenza isolates submitted through the Missouri Department of Health and Senior Services (DHSS), State Public Health Laboratory (SPHL). Eleven isolates were related antigenically to influenza A/Panama/2007/99, which is antigenically similar to the influenza A H3N2 component of the 2001-2002 influenza vaccine. Five isolates were similar in antigenic profile to that of the reference strain B/Hong Kong/330/2001-like, which is the World Health Organization (WHO) recommended component of the 2002-2003 influenza vaccine for the Northern Hemisphere.

Sources of Data: Laboratory confirmed cases are reported to the Missouri Department of Health and Senior Services (DHSS) passive communicable disease surveillance system through the disease registry. Suspected influenza clusters and outbreaks are reported through the active surveillance system. Influenza-like illness data by age category and total number of patient visits by week are reported voluntarily by participants in the U.S. Influenza Sentinel Physicians Surveillance Network.

If you have any questions, comments or suggestions concerning this report please contact Libby A. Landrum, Influenza Coordinator at (573) 751-6113 or via e-mail at landrl@dhss.state.mo.us.